

REMARKS

In accordance with the foregoing, claims 14-22 are withdrawn from consideration. Claims 43 and 58 are cancelled without prejudice or disclaimer, and claims 1, 24, 40, 41, 44, 47, 48, 56, and 57 are amended. Accordingly, claims 1-13, 23-42, and 44-57 are pending and under consideration.

Rejection of Claims 24, 26-32, and 35-38 Under 35 U.S.C. §102(e)

The Office Action rejects claims 24, 26-32, and 35-38 under 35 U.S.C. §102(e) as being anticipated by U.S. Patent Publication No. 2003/0117499 to Bianchi et al. (hereinafter referred to as "Bianchi"). This rejection is respectfully traversed.

Bianchi does not disclose, teach, or suggest at least, "a TV signal encoder to convert a data signal into a video signal according to either the NTSC (National television system committee) scheme or the PAL (Phase alternation line) scheme for an external device via an output terminal," as recited in claim 24. Claim 24 is amended to include a similar feature from claim 58. Moreover, the Office Action did not apply Bianchi to reject claim 58. Therefore, for at least these reasons, claim 24 is patentably distinguishable from the cited reference.

Claims 26-32 and 35-38 depend from claim 24 and include all of the features of claim 24. Therefore, for at least these reasons, claims 26-32 and 35-38 are patentably distinguishable from the cited reference.

Accordingly, withdrawal of this rejection is respectfully requested.

Rejection of Claims 41-42, 44/41 and 44/42 Under 35 U.S.C. §102(e)

The Office Action rejects claims 41, 42, 44/41, and 44/42 under 35 U.S.C. §102(e) as being anticipated by U.S. Patent No. 7,046,276 issued to Hashimoto et al. (hereinafter referred to as "Hashimoto"). This rejection is respectfully traversed.

Hashimoto does not disclose, teach, or suggest at least, "wherein a single chip controller comprises: a TV signal encoder to convert a data signal into a video signal according to either the NTSC (National television system committee) scheme or the PAL (Phase alternation line) scheme for an external device via an output terminal," as recited in claim 41.

In Figure 8, Hashimoto discloses a camera 100 including a CPU 23 and a separate digital imaging processing circuit 11. However, Hashimoto does not disclose a single chip controller comprising a TV signal encoder which converts a data signal into a video signal

according to either the NTSC scheme or PAL scheme. Therefore, for at least these reasons, claim 41 is patentably distinguishable from the cited reference.

Claims 42, 44/41, and 44/42 depend from claim 41 and include all of the features of claim 41. Therefore, for at least these reasons, claims 42, 44/41, and 44/42 are also patentably distinguishable from the cited references.

Accordingly, withdrawal of this rejection is respectfully requested.

Rejection of Claims 1-6, 23 and 45-46 Under 35 U.S.C. §103(a)

The Office Action rejects claims 1-6, 23, 45, and 46 under 35 U.S.C. §103(a) as being unpatentable over Hashimoto in view of U.S. Patent Publication No. 2001/0033333 issued to Suzuki et al. (hereinafter referred to as "Suzuki"). This rejection is respectfully traversed.

Hashimoto and Suzuki, taken separately or in combination, do not disclose, teach, or suggest at least, "wherein the single chip controller comprises: a TV signal encoder to convert a data signal into a video signal according to either the NTSC (National television system committee) scheme or the PAL (Phase alternation line) scheme for an external device via an output terminal," as recited in claims 1 and 41. Suzuki does not cure the deficiencies of Hashimoto. Therefore, for at least these reasons, claims 1 and 41 are patentably distinguishable from the cited references.

Claims 2-6 and 23 depend from claim 1 and include all of the features of claim 1. Therefore, for at least these reasons, claims 2-6 and 23 are patentably distinguishable from the cited references.

Claims 45 and 46 depend from claim 41 and include all of the features of claim 41. Therefore, for at least these reasons, claims 45 and 46 are patentably distinguishable from the cited references.

Accordingly, withdrawal of this rejection is respectfully requested.

Rejection of Claims 7-13 Under 35 U.S.C. §103(a)

The Office Action rejects claims 7-13 under 35 U.S.C. §103(a) as being unpatentable over Hashimoto in view of Suzuki, in further view of Bianchi. This rejection is respectfully traversed.

Hashimoto, Suzuki, and Bianchi, taken separately or in combination, do not disclose, teach, or suggest at least, "wherein the single chip controller comprises: a TV signal encoder to convert a data signal into a video signal according to either the NTSC (National television system committee) scheme or the PAL (Phase alternation line) scheme for an external device

via an output terminal,” as recited in claim 1. Suzuki and of Bianchi do not cure the deficiencies of Hashimoto. Therefore, for at least these reasons, claim 1 is patentably distinguishable from the cited references.

Claims 7-13 depend from claim 1 and include all of the features of claim 1. Therefore, for at least these reasons, claim 7-13 are patentably distinguishable from the cited references.

Accordingly, withdrawal of this rejection is respectfully requested.

Rejection of Claims 25 and 39 Under 35 U.S.C. §103(a)

The Office Action rejects claims 25 and 39 under 35 USC §103(a) as being unpatentable over Bianchi in view of Suzuki. This rejection is respectfully traversed.

As indicated above, Bianchi does not disclose, teach, or suggest at least, “a TV signal encoder to convert a data signal into a video signal according to either the NTSC (National television system committee) scheme or the PAL (Phase alternation line) scheme for an external device via an output terminal,” as recited in claim 24. Therefore, for at least these reasons, claim 24 is patentably distinguishable from the cited reference.

Claims 25 and 39 depend from claim 24 and include all of the features of claim 24. Therefore, for at least these reasons, claims 25 and 39 are patentably distinguishable from the cited reference.

Accordingly, withdrawal of this rejection is respectfully requested.

Rejection of Claims 33 and 34 Under 35 U.S.C. §103(a)

The Office Action rejects claims 33 and 34 under 35 USC §103(a) as being unpatentable over Bianchi in view of U.S. Patent No. 7,317,475 issued to Arai et al. (hereinafter referred to as “Arai”). This rejection is respectfully traversed.

Bianchi and Arai, taken separately or in combination, do not disclose, teach, or suggest at least, “a TV signal encoder to convert a data signal into a video signal according to either the NTSC (National television system committee) scheme or the PAL (Phase alternation line) scheme for an external device via an output terminal,” as recited in claim 24. Arai does not cure the deficiencies of Bianchi. Therefore, for at least these reasons, claim 24 is patentably distinguishable from the cited references.

Claims 33 and 34 depend from claim 24 and include all of the features of claim 24. Therefore, for at least these reasons, claims 33 and 34 are patentably distinguishable from the cited reference.

Accordingly, withdrawal of this rejection is respectfully requested.

Rejection of Claims 40, 43, 44/43, 47-49, 52, 57 and 58/40 Under 35 USC §103(a)

The Office Action rejects claims 40, 43, 44/43, 47-49, 52, 57 and 58/40 under 35 USC §103(a) as being unpatentable over Hashimoto. This rejection is respectfully traversed.

Claims 43 and 58 are cancelled without prejudice or disclaimer.

Similar to the arguments presented above, Hashimoto does not disclose, teach, or suggest at least, "the programmable single chip controller comprises: a TV signal encoder to convert a data signal into a video signal according to either the NTSC (National television system committee) scheme or the PAL (Phase alternation line) scheme for an external device via an output terminal," as recited in claim 40. Therefore, for at least these reasons, claim 40 is patentably distinguishable from the cited reference.

Similarly, Hashimoto does not disclose, teach, or suggest at least, "the single chip controller comprises: a TV signal encoder to convert a data signal into a video signal according to either the NTSC (National television system committee) scheme or the PAL (Phase alternation line) scheme for an external device via an output terminal," as recited in claim 41.

Claims 44/43, 47-49, 52, and 57 depend from claim 41 and include all of the features of claim 41. Therefore, for at least these reasons, claims 44/43, 47-49, 52, and 57 are patentably distinguishable from the cited reference.

Accordingly, withdrawal of this rejection is respectfully requested.

Rejection of Claims 50-51 and 53-56 Under 35 U.S.C. §103(a)

The Office Action rejects claims 50, 51 and 53-56 under 35 USC §103(a) as being unpatentable over Hashimoto in view of Bianchi. This rejection is respectfully traversed.

Hashimoto and Bianchi, taken separately or in combination, do not disclose, teach, or suggest at least, "the single chip controller comprises: a TV signal encoder to convert a data signal into a video signal according to either the NTSC (National television system committee) scheme or the PAL (Phase alternation line) scheme for an external device via an output terminal," as recited in claim 41. Bianchi does not cure the deficiencies of Hashimoto. Therefore, for at least these reasons, claim 41 is patentably distinguishable from the cited references.

Claims 50-51 and 53-56 depend from claim 41 and includes all of the features of claim 41. Therefore, for at least these reasons, claims 50-51 and 53-56 are patentably distinguishable from the cited references.

Accordingly, withdrawal of this rejection is respectfully requested.

Rejection of Claims 58/24 Under 35 U.S.C. §103(a)

The Office Action rejects claim 58/24 under 35 USC §103(a) as being unpatentable over Bianchi in view of Hashimoto. This rejection is respectfully traversed.

Claim 58 is cancelled without prejudice or disclaimer.

Accordingly, withdrawal of this rejection is respectfully requested.

Summary

Claims 1-13, 23-42, and 44-57 are pending and under consideration. It is respectfully submitted that none of the references taken alone or in combination disclose the present claimed invention.

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

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